IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A video signal processing apparatus for processing a video signal, comprising:

a metadata notation format identification block for identifying a notation format of metadata written in a predetermined language;

a conversion table selection block for selecting a conversion table corresponding to said identified notation format of said metadata from among one or more conversion tables prepared in advance;

a metadata notation format conversion block for converting said notation format of said metadata into a notation format compatible with said video signal processing apparatus on the basis of said selected conversion table; and

a processing control block for controlling processing associated with said video signal on the basis of said metadata whose notation format has been converted.

2. (Original) The video signal processing apparatus according to claim 1, wherein said predetermined language is a markup language.

Frommer Lawrence & Haug LLP
745 Fifth Avenue
New York, NY 10151
212-588-0800
Customer Number 20999

4 of 17

00659648

3. (Original) The video signal processing apparatus according to claim 2, wherein said markup language is XML.

4. (Original) The video signal processing apparatus according to claim 3, wherein said metadata notation format conversion block is an XSLT engine.

5. (Original) The video signal processing apparatus according to claim 2, wherein said metadata notation formation identification block detects a tag from said metadata written in said markup language, thereby identifying said notation format of said metadata.

6. (Original) The video signal processing apparatus according to claim 1, wherein said video signal processing apparatus is a video signal recording apparatus for recording said video signal to a recording medium.

7. (Original) The video signal processing apparatus according to claim 1, wherein said video signal processing apparatus is a video signal reproduction apparatus for reproducing said video signal.

8. (Original) A computer-readable recording medium storing a program for making a computer function as a video signal processing apparatus comprising:

Frommer Lawrence & Haug LLP
745 Fifth Avenue
New York, NY 10151
212-588-0800
Customer Number 20999

5 of 17

00659648

a metadata notation format identification block for identifying a notation format of metadata written in a predetermined language;

a conversion table selection block for selecting a conversion table corresponding to said identified notation format of said metadata from among one or more conversion tables prepared in advance;

a metadata notation format conversion block for converting said notation format of said metadata into a notation format compatible with said video signal processing apparatus on the basis of said selected conversion table; and

a processing control block for controlling processing associated with said video signal on the basis of said metadata whose notation format has been converted.

9. (Original) A processing method for a video signal processing apparatus for processing a video signal, comprising the steps of:

identifying a notation format of metadata written in a predetermined language;

selecting a conversion table corresponding to said identified notation format of said metadata from among one or more conversion tables prepared in advance;

converting said notation format of said metadata into a notation format compatible with said video signal processing apparatus on the basis of said selected conversion table; and

controlling processing associated with said video signal on the basis of said metadata whose notation format has been converted.

Frommer Lawrence & Haug LLP
745 Fifth Avenue
New York, NY 10151
212-588-0800
Customer Number 20999

6 of 17

00659648

10. (Original) A video signal recording apparatus for recording a video signal to a recording medium, comprising:

a metadata generating block for generating metadata associated with said video signal by writing said metadata in a predetermined language;

a metadata notation format conversion block for converting at least a notation format of said generated metadata into a notation format compatible with a video signal reproduction apparatus for reproducing said video signal recorded to said recording medium, on the basis of one or more conversion tables prepared in advance; and

a video signal recording block for recording said metadata whose notation format has been converted and said video signal in a related manner so as to allow said video signal reproduction apparatus to control processing associated with said video signal on the basis of said metadata.

11. (Original) The video signal recording apparatus according to claim 10 wherein said predetermined language is a markup language.

12. (Original) The video signal recording apparatus according to claim 11, wherein said markup language is XML.

00659648

13. (Original) The video signal recording apparatus according to claim 12, wherein said metadata notation format conversion block is an XSLT engine.

14. (Original) The video signal recording apparatus according to claim 10, wherein said recording medium is an optical disk.

15. (Original) The video signal recording apparatus according to claim 10, further comprising: a conversion table selection block for selecting a conversion table corresponding to said notation format of said metadata at least compatible with said video signal reproduction processing, from among one or more conversion tables, wherein said metadata notation format conversion block converts at least said notation format of said generated metadata into a notation format compatible with said video signal reproduction apparatus on the basis of a conversion table selected by said conversion table selection block.

16. (Original) A computer-readable recording medium recording a program for making a computer function as a video signal recording apparatus for recording a video signal to a recording medium, comprising:

a metadata generating block for generating metadata associated with said video signal by writing said metadata in a predetermined language;

a metadata notation format conversion block for converting at least a notation format of said generated metadata into a notation format compatible with a video signal

Frommer Lawrence & Haug LLP
745 Fifth Avenue
New York, NY 10151
212-588-0800
Customer Number 20999
                                          8 of 17   00659648

reproduction apparatus for reproducing said video signal recorded to said recording medium, on the basis of one or more conversion tables prepared in advance; and

a video signal recording block for recording said metadata whose notation format has been converted and said video signal in a related manner so as to allow said video signal reproduction apparatus to control processing associated with said video signal on the basis of said metadata.

17. (Original) A processing method for a video signal recording apparatus for recording a video signal to a recording medium, comprising the steps of:

generating metadata associated with said video signal by writing said metadata in a predetermined language;

converting at least a notation format of said generated metadata into a notation format compatible with a video signal reproduction apparatus for reproducing said video signal recorded to said recording medium, on the basis of one or more conversion tables prepared in advance; and

recording said metadata whose notation format has been converted and said video signal in a related manner so as to allow said video signal reproduction apparatus to control processing associated with said video signal on the basis of said metadata.

18. (Original) A video signal recording apparatus for recording a video signal to a recording medium, comprising:

Frommer Lawrence & Haug LLP
745 Fifth Avenue
New York, NY 10151
212-588-0800
Customer Number 20999
                                    9 of 17   00659648

a metadata generating block for generating metadata associated with said video signal by writing said metadata in a predetermined language; a conversion table selection block for selecting at least one conversion table from among one or more conversion tables prepared in advance; and a video signal recording block for recording at least said generated metadata, said selected conversion table, and said video signal in a related manner to said recording medium so as to allow a video signal reproduction apparatus for reproducing said video signal recorded to said recording medium to control processing associated with said video signal on the basis of said metadata.

19. (Original) A computer-readable recording medium recording a program for making a computer function as a video signal recording apparatus for recording a video signal to a recording medium, comprising:

a metadata generating block for generating metadata associated with said video signal by writing said metadata in a predetermined language;

a conversion table selection block for selecting at least one conversion table from among one or more conversion tables prepared in advance; and

a video signal recording block for recording at least said generated metadata, said selected conversion table, and said video signal in a related manner so as to allow a video signal reproduction apparatus for reproducing said video signal recorded to said recording medium to control processing associated with said video signal on the basis of said metadata.

Frommer Lawrence & Haug LLP
745 Fifth Avenue
New York, NY 10151
212-588-0800
Customer Number 20999

10 of 17   00659648

20. (Original) A processing method for a video signal recording apparatus for recording a video signal to a recording medium, comprising the steps of:

generating metadata associated with said video signal by writing said metadata in a predetermined language; selecting at least one conversion table from among one or more conversion tables prepared in advance; and recording at least said generated metadata, said selected conversion table, and said video signal in a related manner so as to allow a video signal reproduction apparatus for reproducing said video signal recorded to said recording medium to control processing associated with said video signal on the basis of said metadata.

21. (Original) A video signal reproduction apparatus for reproducing a video signal recorded to a recording medium, comprising:

a metadata reading block for reading metadata written in a predetermined language and at least one conversion table corresponding to a notation format of said metadata from said recording medium in which said video signal is recorded;

a metadata notation format conversion block for converting said notation format of said metadata read from said recording medium into a notation format compatible with said video signal reproduction apparatus on the basis of said at least one read conversion table; and

a processing control block for controlling processing associated with said video signal on the basis of said metadata whose notation format has been converted.

Frommer Lawrence & Haug LLP
745 Fifth Avenue
New York, NY 10151
212-588-0800
Customer Number 20999

11 of 17   00659648

22. (Original) A computer-readable recording medium recording a program for making a computer function as a video signal reproduction apparatus for reproducing a video signal recorded to a recording medium, comprising:

a metadata reading block for reading metadata written in a predetermined language and at least one conversion table corresponding to a notation format of said metadata from said recording medium in which said video signal is recorded;

a metadata notation format conversion block for converting said notation format of said metadata read from said recording medium into a notation format compatible with said video signal reproduction apparatus on the basis of said at least one read conversion table; and

a processing control block for controlling processing associated with said video signal on the basis of said metadata whose notation format has been converted.

23. (Original) A processing method for a video signal reproduction apparatus for reproducing a video signal recorded to a recording medium, comprising the steps of:

reading metadata written in a predetermined language and at least one conversion table corresponding to a notation format of said metadata from said recording medium in which said video signal is recorded;

converting said notation format of said metadata read from said recording medium into a notation format compatible with said video signal reproduction apparatus on the basis of said at least one read conversion table; and

00659648

controlling processing associated with said video signal on the basis of said metadata whose notation format has been converted.

Frommer Lawrence & Haug LLP
745 Fifth Avenue
New York, NY 10151
212-588-0800
Customer Number 20999

13 of 17   00659648